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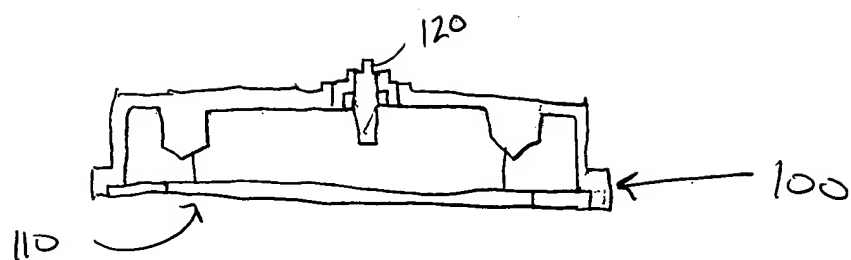
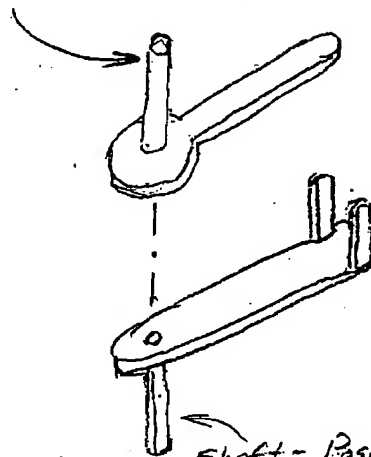


Figure 1A

Shaft - Electronic Pulser



Shaft - Positive Displacement Meter

Coupling Between Electric Pulser and Positive Displacement Meter

Figure 1B

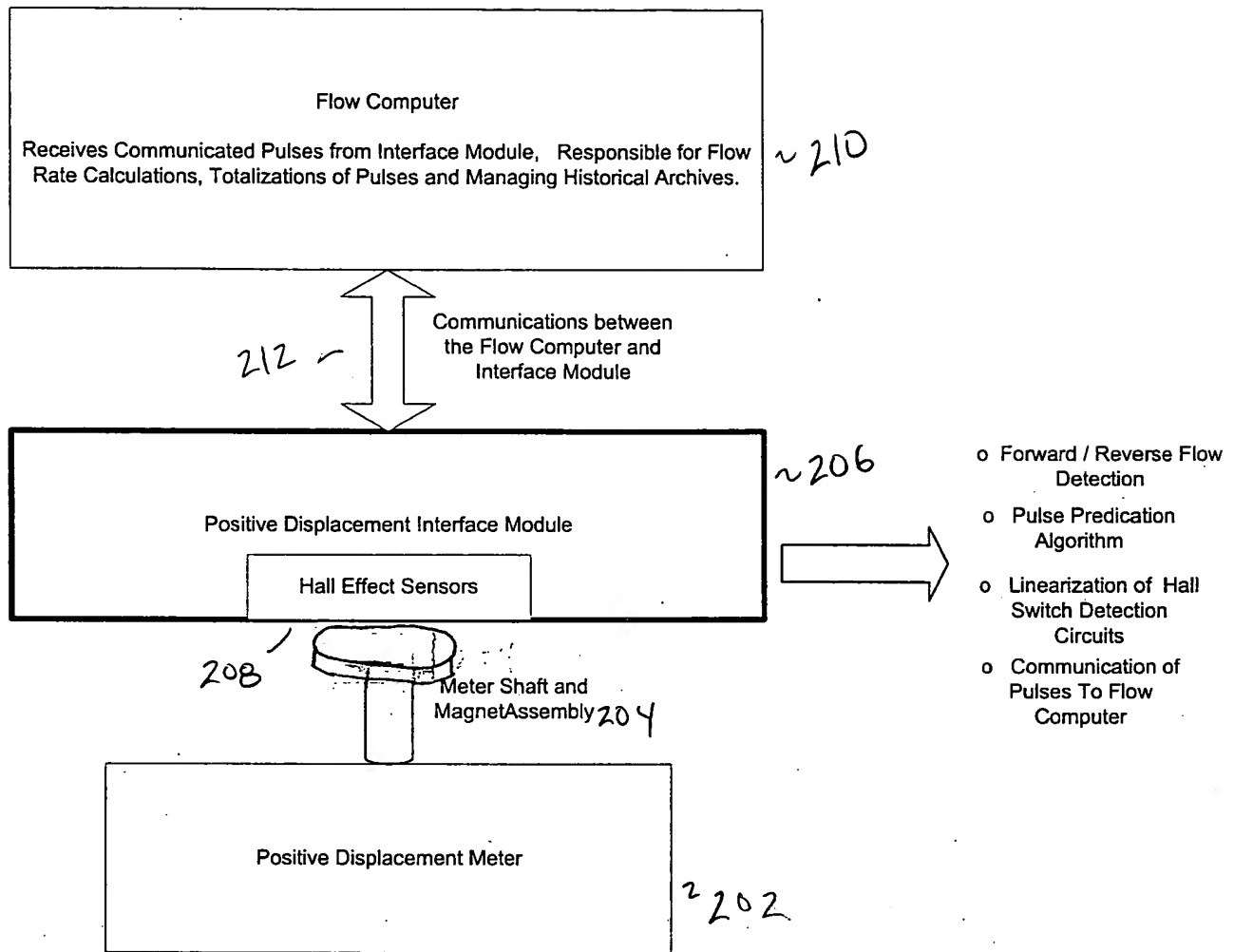


Figure 2

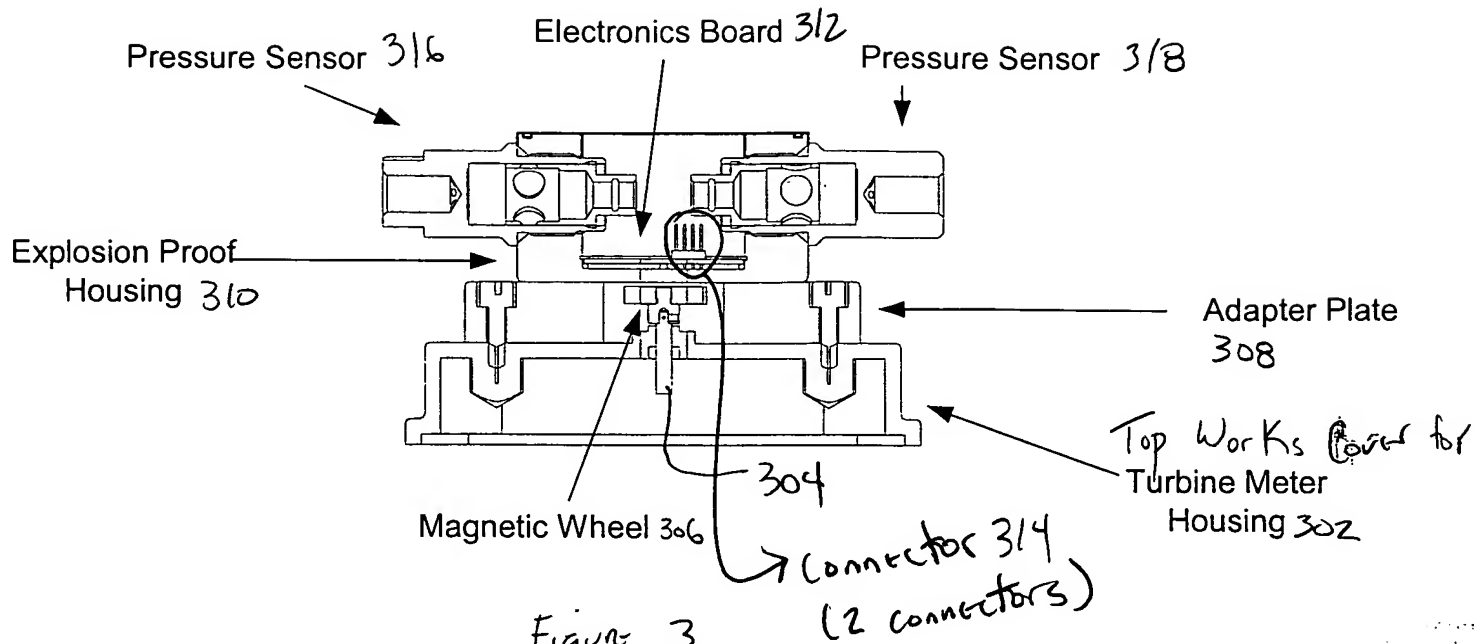


Figure 3

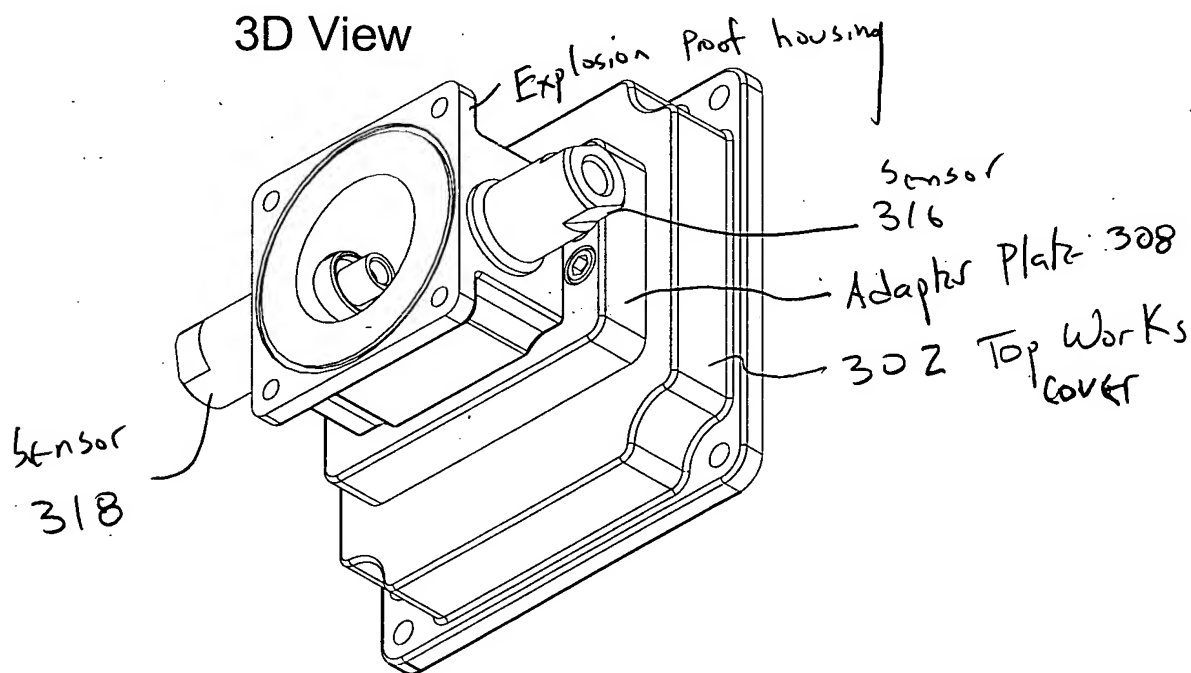


Figure 4

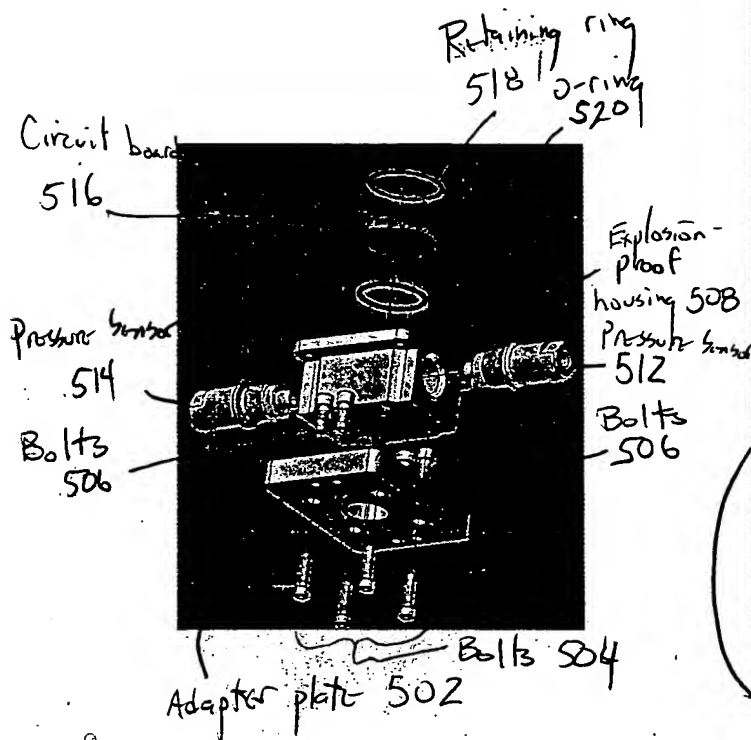


Figure 5

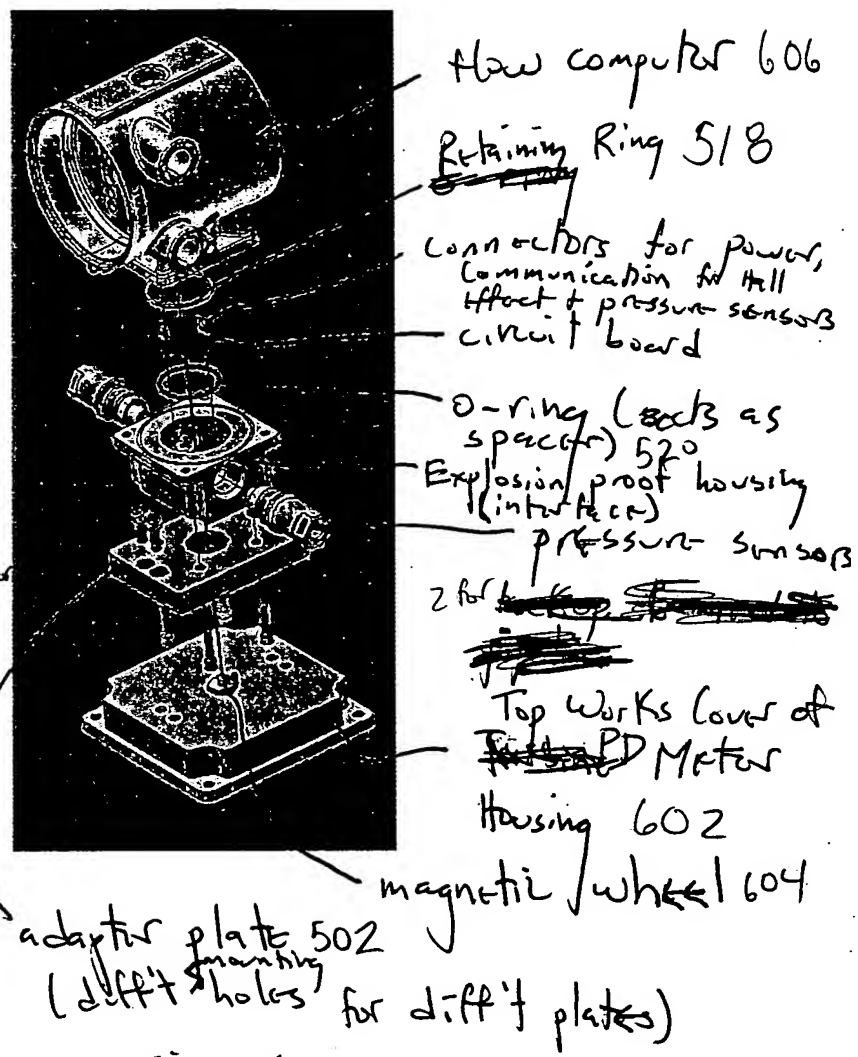
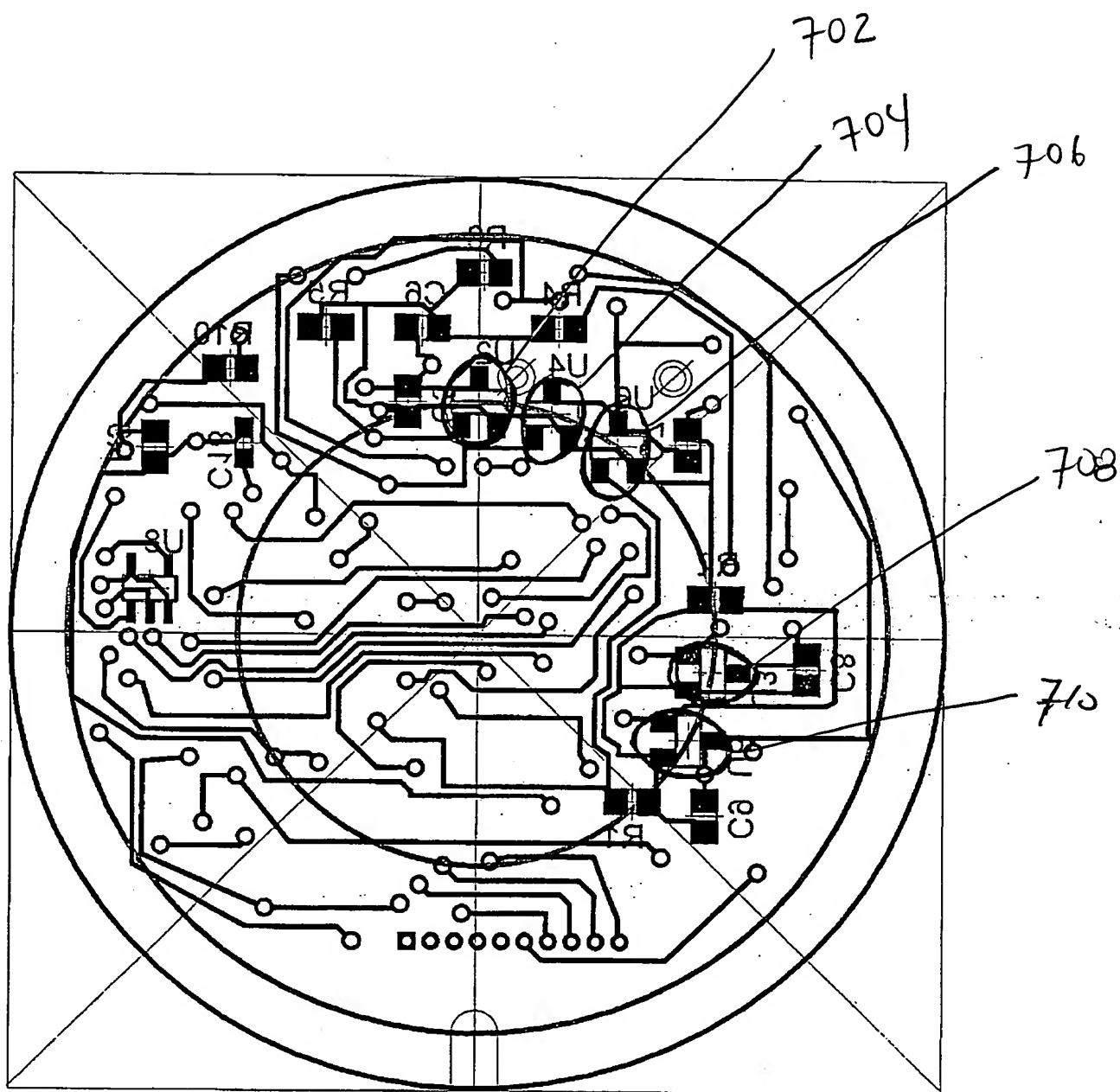
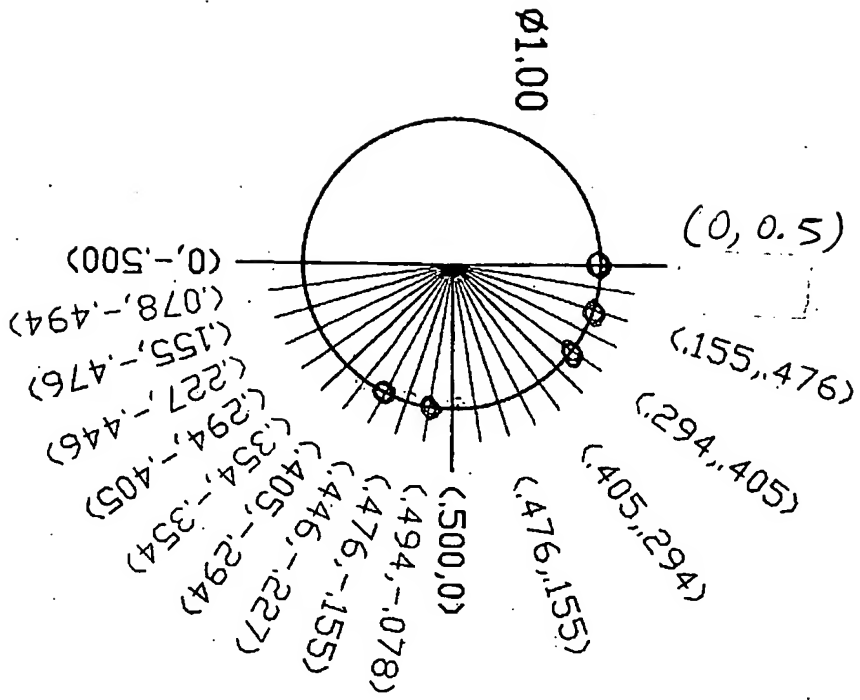


Figure 6



0 - Hall Effect Sensors

Figure 7



○ - Hall Effect Sensor Locations

Figure 8A

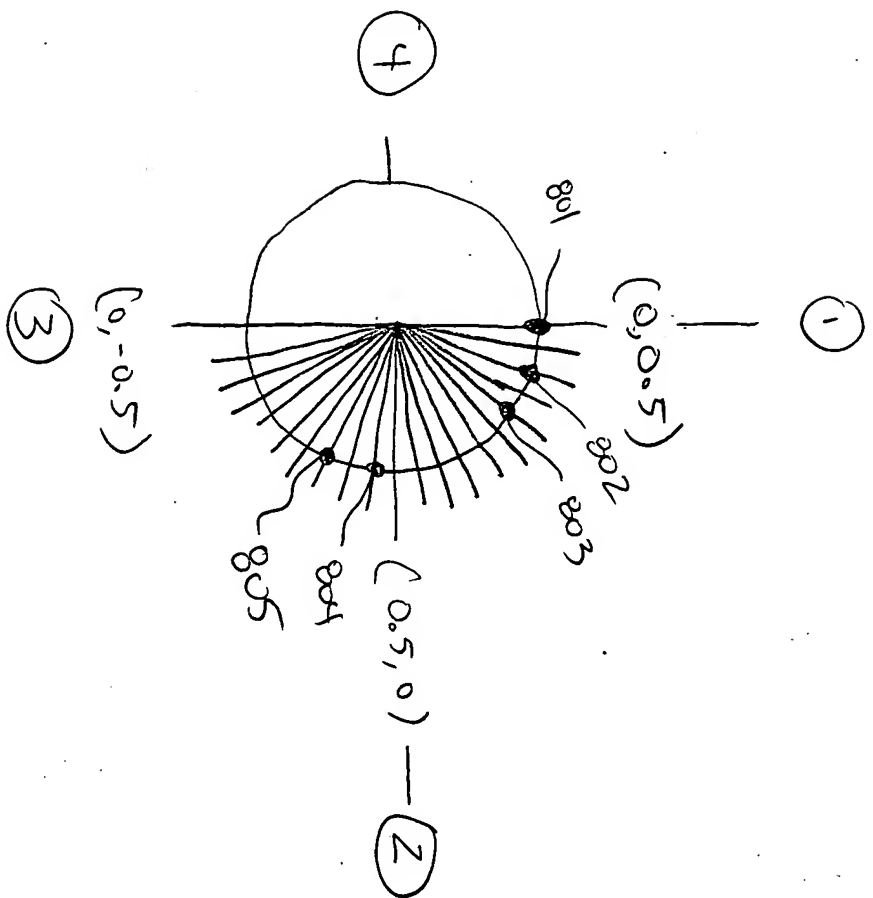


Figure 8B

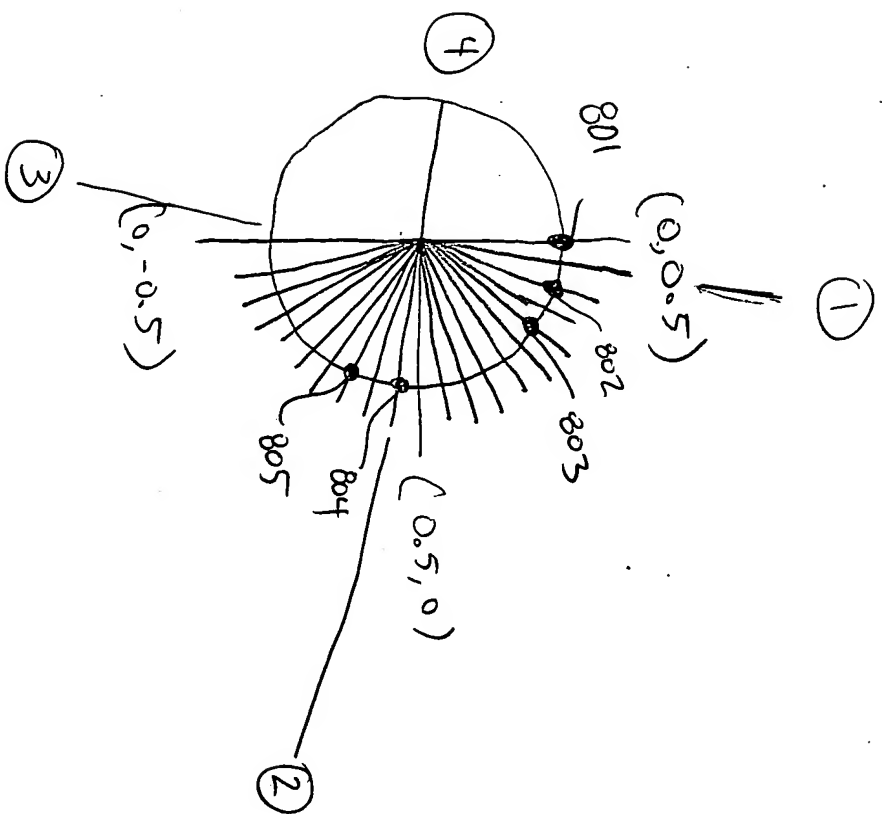


Figure 8C

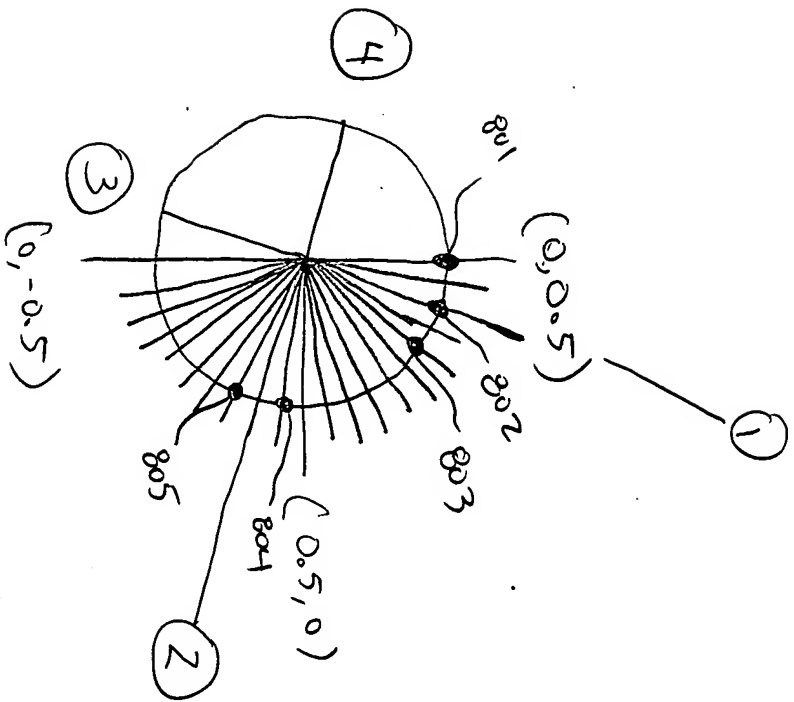


Figure 8D

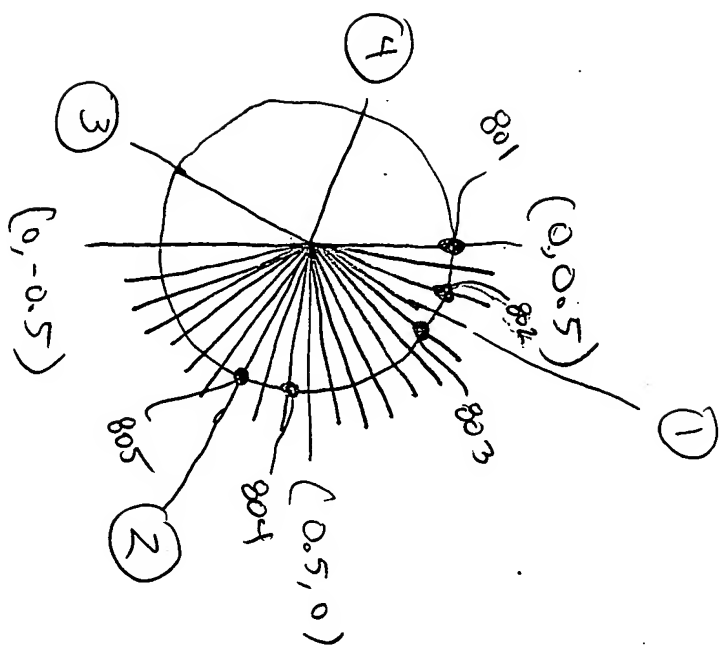


Figure 8E

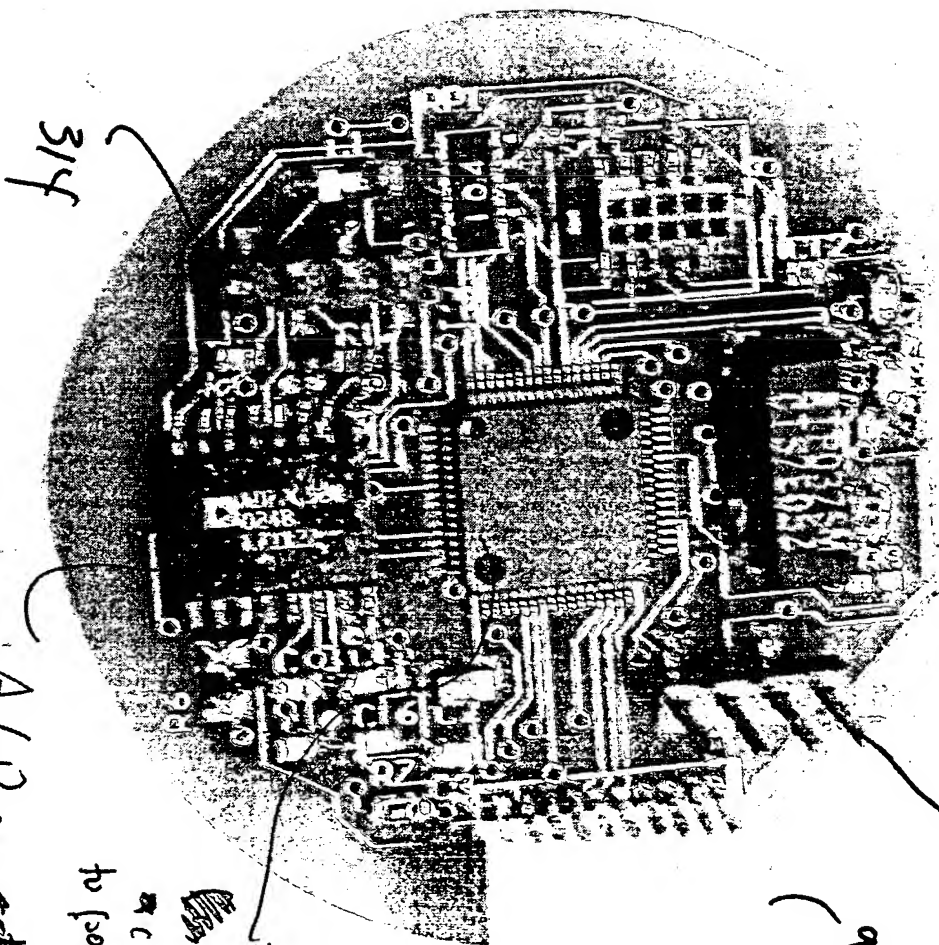
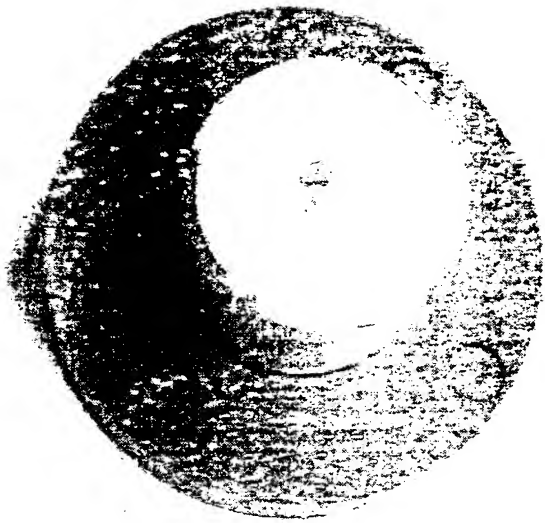


Figure 9

A/D converter

processor
(microprocessor)
to (200 pulses)

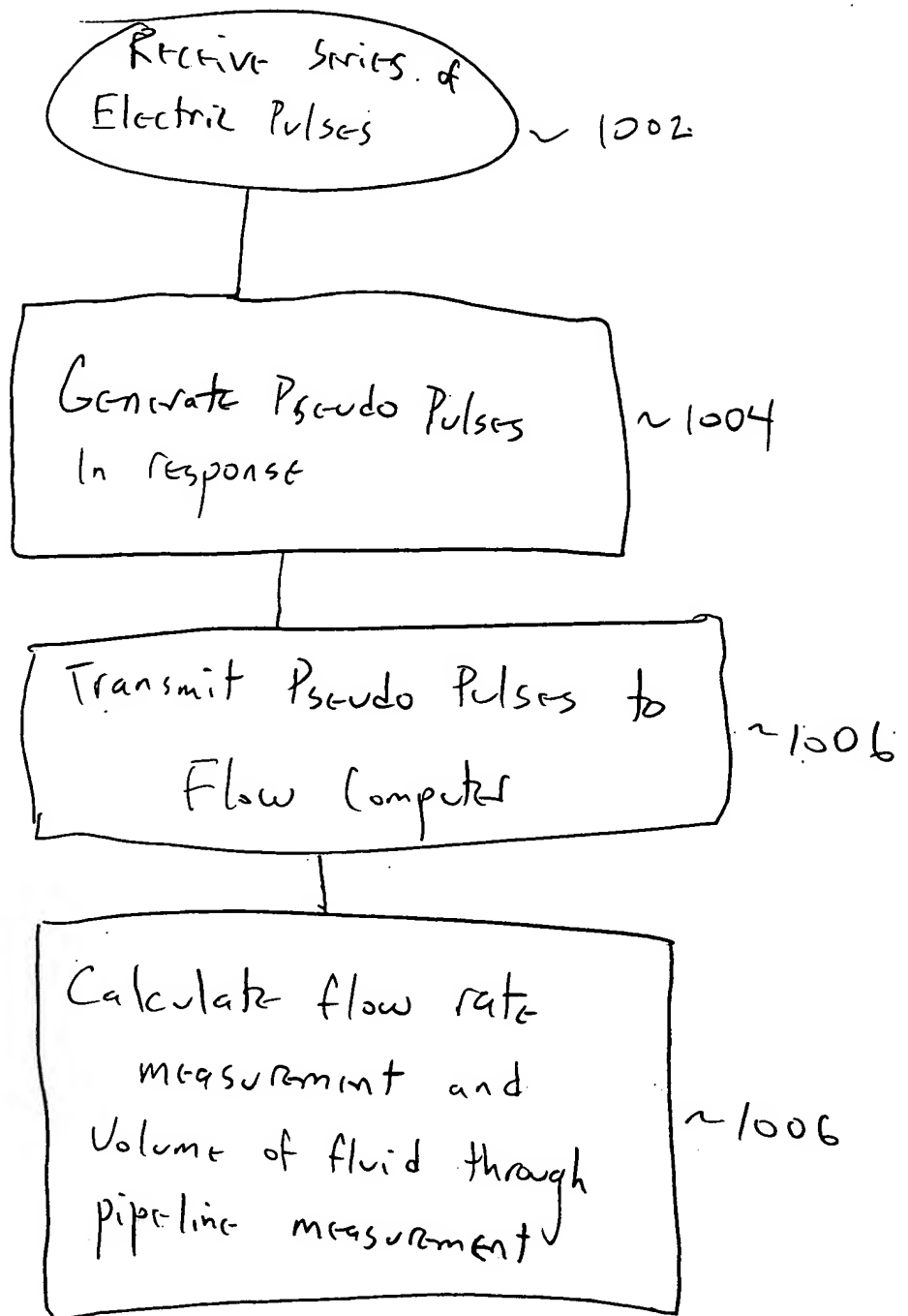


Figure 10